GENERATOR SOLUTIONS

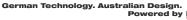
REMOTE SERIES

D250/S SPECIFICATIONS 313kVA





Model	D250/S
Power Type	Diesel
Prime Power (kW/kVA)	250/313
Standby Power (kW/kVA)	280/350





ENGINE

Engine Make and Model

Engine Type

Engine Prime Power (kW)
Engine Standby Power (kW)
Fuel Tank Capacity (L)

Fuel Consumption (L/h)*

Battery Type

Bore (mm) x Stroke (mm)

No. of Cylinders
Displacement (L)
Compression Ratio
Intake Model

Speed Control System
Lubricating Oil Capacity (L)
Lub Consumption (g/kW/h)

*Fuel Consumption is based on 100% load

DEUTZ BF6M1015C-LAG3A

Water-cooled, in line, 4 stroke, 1500rpm

314 825

Lead-acid, 2 x 12V - 150AH

132 x 145 6 11.906

17

Turbo intercooler

Electronical speed governing

34 0.615

ALTERNATOR

Model SLG314E1, single bearing IP22

 Frequency (Hz)
 50

 Continuous Output (kW/kVA)
 260/325

 Power Efficiency
 93.0%

Type 4 pole, rotating field
Exciter Type Brushless, self excited

 Voltage Regulator
 AS440

 Voltage Regulation
 ±1.0%

 No. of Phases
 3 phases, 4 wire

InsulationClass HProtectionIP22Rated Power Factor0.8

Stator Winding Double layer concentric

Winding Pitch Two thirds
Winding Leads 12

Waveform Distortion No load <1.5% Altitude (m) 1000

UNIT

 Dimensions L x W x H (m)
 4.2 x 1.7 x 2.2

 Dry Weight (kg)
 3284

 Sound at 7m/dB
 80

STANDARD FEATURES

- 50°C rated radiator
- Powder coated finish
- External fuel tank connections
- EVAC service points
- 110% bunded skid base
- All moving parts fitted with safety guards
- IP65 electrical boxes dust and water proof
- Rated lifting lugs
- Emergency E stop
- State of the art control system
- Remote monitoring





ASSEMBLY

The engine and alternator are closed coupled by means of an SAE flange. A full torsional analysis has been carried out to guarantee no harmful vibration will occur. Antivibration pads are affixed between engine alternator feet and base frame. Rubber diagonal isolators are specifically designed to reduce engine and alternator vibration and



prevent distortion in the voltage and harmonic output of the generator. All iron and steel surfaces of the canopy fabrication have been sand blasted and then powder coated, which provides an excellent corrosion resistant surface.

CONTROL SYSTEM

The DSE8610 is an easy way to use multi-generator loadshare system, designed to synchronise up to 32 generators including electronic engines. The DSE8610 monitors the generator and indicates



operational status and fault conditions, automatically starting or stopping the engine on load demand or fault condition. System alarms are displayed on the LCD screen (multiple language options available), illuminated LED and audible sounder.

MODULE 890

The DSEWebNet Gateway is used in conjunction with supported DSE controllers to provide monitoring and communications data via the DSEWebNet advanced communications system.



QUALITY STANDARDS

Our generator sets are compliant with all the main standards, such as ISO8528, ISO14000, GB755, BS5000, VDE0530, ISO3046, IEC34-1, AS3000.

WARRANTY POLICY

12 months, 1200 hours as per generator. Generators Australia Pty Ltd Warranty Policy.